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1 ☑ Notice of References Cited (PTO-892) 2 ☐ Notice of Informal Patent Application (PTO-152) 3 ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 4 ☐ Interview Summary (PTO-413), Paper No 5 ☐ Information Disclosure Statements (PTO-1449), Paper No 6 ☐ Examiner's Amendment/Comment 7 ☐ Examiner's Comment Regarding Requirement for Deposit 8 ☑ Examiner's Statement of Reasons for Allowance	 DEPOSIT OF and/or INFORMATION attached Examiner's comment regarding REQU 	I about the deposit of BIOL JIREMENT FOR THE DEPOS	OGICAL MATERIAL IT OF BIOLOGICAL M	must be submitted. No ATERIAL.	ote the	
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	 3☐ Notice of Draftperson's Patent Drawing Re 5☐ Information Disclosure Statements (PTO-1 7☐ Examiner's Comment Regarding Requirem 	449), Paper No	4☐ Interview Sumr 6☐ Examiner's Am 8⊠ Examiner's Sta	mary (PTO-413), Paper N nendment/Comment	No	

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DETAILED ACTION

Drawings

Figures 4 and 5 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See the instant specification page 4 lines 20-23 where figures 4 and 5 are described as conventional devices. Also see MPEP § 608.02(g). A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Allowable Subject Matter

Claims 2-11 are allowed.

The following is an examiner's statement of reasons for allowance: The basic idea in the claimed invention is creating a space for a cooling channel between a magnet supporting plate and a base plate, the base plate being used for supporting the magnet supporting plate. The prior art of record teaches creating a cooling channel between a coil supporting plate 104 and a base plate 106 or 114 as shown in Hazelton et al. 6,114,781 A figure 1. The prior art of record also teaches that heat damages magnets and that magnets can be cooled. The prior art of record does not disclose or teach cooling a magnet supporting plate by forming a cooling channel between a magnet supporting plate and a base where the magnet supporting plate is on the secondary side of a linear motor, where the base plate has at least one hole portion, where there is a spacer for holding the magnet support plate and the base plate apart and where a cooling device injects compressed gas from the hole portion of the base plate toward the magnet supporting plate. While at least most of these elements are in the prior art, no motivation has been found for combining those elements together as claimed by applicant in independent claims 2 and 11.

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The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Hwang et al. discloses a flat linear motor with cooling channels adjacent to a magnet support as shown in figures 3 and 4.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Judson H Jones whose telephone number is 703-308-0115. The examiner can normally be reached on 8-4:30 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nestor Ramirez can be reached on 703-308-1371. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

JHJ 10/16/2003

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